

**EDU 210A: Introduction to Educational Technology**

*3 Credits, 3 hour lectures, 3 hours lab*

This course examines frameworks, trends, issues, and futuristic scenarios as it relates to the role of technology in education. Students will gain hands-on experience using technology, with a special emphasis on strategies for integrating technology in the school curriculum.

Note: Students may not receive credit for both EDU 210 and EDIT 202.

*Prerequisite: EDU 100*

**Instructor**

Tracy Boger  
Office: S213F  
780 791-4833  
[tracy.boger@keyano.ca](mailto:tracy.boger@keyano.ca)

**Office Hours**

Tuesday 9:00- 11:30  
Thursday 9:00 -11:30

**Hours of Instruction**

Lab: Tuesday 13:00 - 3:50  
Lec: Wednesday 9:30 0 10:50  
Lec: Friday 9:30 – 10:50

**Required Resources**

***Transforming Learning with New Technologies***, 3<sup>rd</sup> edition. By Maloy, Verock, Edwards, & Woolf

Additional Readings will be provided on iLearn.

**Course Outcomes**

Upon successful completion of this course, the student shall be able to:

- Articulate and select frameworks that guide the use of technology in education.
- Understand the role of digital technologies within the teaching profession.
- Explore and demonstrate the use of technologies that support teaching and learning.
- Reflect on the conventions and responsibilities of digital citizenship including privacy, intellectual property and copyright.
- Begin to develop a philosophy of teaching with technology.

## Evaluation

Weekly Assignments: 50%

- Weekly Blog Reflections (10%)
- ICT Program of Studies Assignment (3%)
- 9 Elements of DC Voice Thread Assignment (3%)
- Digital Literacy Glog Assignment (3%)
- Animoto Book Trailer Assignment (6%)
- Explore Learning Gizmo Analysis Assignment (6%)
- TPACK Assignment (6%)
- Philosophy of Teaching with Technology Assignment (6%)
- Teaching in the 21<sup>st</sup> century with Interactive Whiteboards (6%)
- Google Tool Tasks (1%)

ePortfolio: 5%

Chapter 1, 2 & 3 Quiz: 4%

Midterm Exam: 16%

Final Exam: 25%

*A grade of C- is required for progression or transfer.*

## Late penalties

Written assignments are due at the beginning of class and multimedia assignments must be submitted electronically through iLearn by 9:00 PM on the due date. If an assignment or lab is submitted late, students will receive a penalty of 5% per day (including weekends). Technical problems will not exempt students from the late penalty so plan ahead accordingly.

## Grading System

Descriptor	Alpha Grade	4.0 Scale	Percent	Rubric for Letter Grades
Excellent	A+	4.0	> 92.9	Work shows in-depth and critical analysis, well developed ideas, creativity, excellent writing, clarity and proper format.
	A	4.0	85 – 92.9	
	A-	3.7	80 – 84.9	
Good	B+	3.3	77 – 79.9	Work is generally of high quality, well developed, well written, has clarity, and uses proper format.
	B	3.0	74 – 76.9	
	B-	2.7	70 – 73.9	
Satisfactory <b>Progression</b>	C+	2.3	67 – 69.9	Work has some developed ideas but needs more attention to clarity, style and formatting.
	C	2.0	64 – 66.9	
	C-	1.7	60 – 63.9	
Poor <b>Minimum Pass</b>	D+	1.3	55 – 59.9	Work is completed in a general way with minimal support, or is poorly written or did not use proper format.
	D	1.0	50 – 54.9	
Failure	F	0.0	< 50	Responses fail to demonstrate appropriate understanding or are fundamentally incomplete.

**Proposed Schedule of Topics**

Week	Topic	Text Chapter	Lab, quiz, assignments, and Exams
1	Becoming a 21 <sup>st</sup> Century Teacher	Ch 1 Ch 2: p.45-47	ePortfolio and Blog Intro
2	Understanding Educational Technology Trends	Ch 1 and 2	TPACK & Philosophy of Technology Integration
3	Transforming Learning with Unique Powerful Technology	Ch 3	DC Voice Thread Assignment <b>MC Quiz Ch 1-3</b>
4	Teaching Information Literacy & DC	Ch 5, 6	Digital Literacy Glog Assignment
5	Designing Lessons, developing Curriculum, & Learning Theory	Ch 4	ICT reflection assignment
6	Promoting Success for All through Technology	Ch 10	Philosophy of Technology Integration, Group Presentation work period, & ePortfolio development time
Reading Week Feb 19 to 23			
7	TBA	TBA	<b>Midterm</b> Ch 1, 2, 3, 4, 5, 10
8	Exploring Problem solving & Inquiry Learning, & HOTS with Mindtools	Ch3: p.53-58 Ch7: p.163-178, Ch12: p.306-308	Explore Learning Gizmo HOTS Analysis
9	Expressing Creativity with Multimedia	Ch 9	Animoto Assignment
10	Technology in AB Schools	Ch 6	Interactive Whiteboard Lesson Plan & Presentations
11	Interactive whiteboard student presentations	TBA	Interactive Whiteboard presentations
12	Last class- Review (or catch up)		Interactive Whiteboard presentations Philosophy of Technology Integration
13	<b>Final Exam: Ch 1, 2,3,4, 5, 6,7,9,10, 12</b> Plus: Horizon report, ICT program of studies, Interactive White boards, Learning Theories		

**Please Note:**

Date and time allotted to each topic is subject to change.

Throughout the term you can expect 1-2 classes to be taught asynchronously online. For these classes you do not need to attend a lecture, but will complete an online task in lieu of class.

**Performance Requirements****Student Responsibilities**

It is your responsibility as a student to contact the Office of the Registrar to complete the forms for Withdrawal or Change of Registration, and any other forms. Please refer to the list of important dates as noted in the Academic Schedule in the Keyano College credit calendar.

More specific details are found in the Student Rights and Student Code of Conduct section of the Keyano College credit calendar. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Student Code of Conduct Policies.

**Student Attendance**

Class attendance is useful for two reasons. First, class attendance maximizes a student's learning experience. Second, attending class is a good way to keep informed of matters relating the administration of the course (e.g., the timing of assignments and exams). Ultimately, you are responsible for your own learning and performance in this course.

It is the responsibility of each student to be prepared for all classes. Students who miss classes are responsible for the material covered in those classes and for ensuring that they are prepared for the next class, including the completion of any assignments and / or notes that may be due.

If a student misses a scheduled lab, the assignment is still expected to be submitted in by the posted due date.

**Academic Misconduct**

Students are considered to be responsible adults and should adhere to principles of intellectual integrity. Intellectual dishonesty may take many forms, such as:

- Plagiarism or the submission of another person's work as one's own
- The use of unauthorized aids in assignments or examinations (cheating)
- Collusion or the unauthorized collaboration with others in preparing work
- The deliberate misrepresentation of qualifications
- The willful distortion of results or data
- Substitution in an examination by another person
- Handing in the same unchanged work as submitted for another assignment

The consequences for academic misconduct range from a verbal reprimand to expulsion from the College. More specific descriptions and details are found in the Student Rights and Student Code of Conduct section of the Keyano College credit calendar. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Student Code of Conduct Policies.

In order to ensure your understanding of the concept of plagiarism, you must successfully complete the online tutorial found on [ilearn.keyano.ca](http://ilearn.keyano.ca). Then print the certificate, sign it, and show it to each of your instructors. Your course work will not be graded until you show this signed certificate.

**Specialized Supports****Counselling and Accessibility Services**

Counselling Services provides a wide range of specialized counselling services to prospective and registered students, including personal, career and academic counselling.

**SKILL Centre**

The SKILL Centre is a learning space in the Clearwater Campus at Keyano College where students can gather to share ideas, collaborate on projects and get new perspectives on learning from our tutorial staff.

The SKILL Centre, through a variety of delivery methods, provides assistance in skill development to Keyano students. Assistance is provided by instructors, staff and student tutors. Individuals wishing to improve their mathematics, writing, grammar, study, or other skills, can take advantage of this unique service.

**Authorization**

This course outline has been reviewed and approved by the Program Chair.

---

Tracy Boger Instructor

---

Louis Dingley, Chair

Date Authorized

---

Vincella Thompson, Dean

Date Authorized

**Signed copies to be delivered to:**

Instructor

Registrar's Office